

(2) Any person that causes another party to violate paragraph (a) of this section is liable for a violation of this paragraph (b).

(3) Any parent corporation is liable for any violations of this section that are committed by any of its wholly-owned subsidiaries.

(4) Each partner to a joint venture, or each owner of a facility owned by two or more owners, is jointly and severally liable for any violation of this subpart that occurs at the joint venture facility or a facility that is owned by the joint owners, or a facility that is committed by the joint venture operation or any of the joint owners of the facility.

(c) Any person who violates this section is liable for the violation.

(d) *Determination of compliance.* EPA may establish noncompliance with standards using any information, including the results of testing using methods that are not included in § 80.46.

(e) *Dates controls and prohibitions begin.* The controls and prohibitions specified in paragraph (a) of this section apply at any location on or after June 27, 2014.

(f) *Penalties.* (1) Any person liable for a violation under this section is subject to civil penalties as specified in sections 205 and 211(d) of the Clean Air Act (42 U.S.C. 7524 and 7545(d)) for every day of each such violation and the amount of economic benefit or savings resulting from each violation.

(2) Any person liable under this section for a violation of an applicable standards or causing another person to violate the requirements is subject to a separate day of violation for each and

every day the non-complying pentane or gasoline remains any place in the pentane or gasoline distribution system.

(3) For purposes of paragraph (c) of this section, the length of time the pentane or gasoline in question remained in the pentane or gasoline distribution system is deemed to be twenty-five days, unless a person subject to liability or EPA demonstrates by reasonably specific showings, by direct or circumstantial evidence, that the non-complying pentane or gasoline remained in the distribution system for fewer than or more than twenty-five days.

(g) Any person liable under this section for failure to meet, or causing a failure to meet, a provision of this subpart is liable for a separate day of violation for each and every day such provision remains unfulfilled.

[79 FR 23646, Apr. 28, 2014]

§§ 80.88–80.89 [Reserved]

Subpart E—Anti-Dumping

SOURCE: 59 FR 7860, Feb. 16, 1994, unless otherwise noted.

§ 80.90 Conventional gasoline baseline emissions determination.

(a) *Annual average baseline values.* For any facility of a refiner or importer of conventional gasoline, the annual average baseline values of the facility's exhaust benzene emissions, exhaust toxics emissions, NO_x emissions, sulfur, olefins and T90 shall be determined using the following equation:

$$\text{BASELINE} = \frac{\text{SUMRBASE} \times \text{SUMRVOL} + \text{WNTRBASE} \times \text{WNTRVOL}}{\text{SUMRVOL} + \text{WNTRVOL}}$$

where

BASELINE = annual average baseline value of the facility,

SUMRBASE = summer baseline value of the facility,

SUMRVOL = summer baseline gasoline volume of the facility, per § 80.91,

WNTRBASE = winter baseline value of the facility,

WNTRVOL = winter baseline gasoline volume of the facility, per § 80.91.

(b) *Baseline exhaust benzene emissions—simple model.* (1) Simple model

Environmental Protection Agency

§ 80.90

exhaust benzene emissions of conventional gasoline shall be determined using the following equation:

$$\text{EXHBEN} = (1.884 + 0.949 \times \text{BZ} + 0.113 \times (\text{AR} - \text{BZ}))$$

where

EXHBEN = exhaust benzene emissions,

BZ = fuel benzene value in terms of volume percent (per § 80.91), and

AR = fuel aromatics value in terms of volume percent (per § 80.91).

(2) The simple model annual average baseline exhaust benzene emissions for any facility of a refiner or importer of conventional gasoline shall be determined as follows:

(i) The simple model baseline exhaust benzene emissions shall be determined separately for summer and winter using the facility's oxygenated individual baseline fuel parameter values for summer and winter (per § 80.91), respectively, in the equation specified in paragraph (b)(1) of this section.

(ii) The simple model annual average baseline exhaust benzene emissions of the facility shall be determined using the emissions values determined in paragraph (b)(2)(i) of this section in the equation specified in paragraph (a) of this section.

(c) *Baseline exhaust benzene emissions—complex model.* The complex model annual average baseline exhaust benzene emissions for any facility of a refiner or importer of conventional gasoline shall be determined as follows:

(1) The summer and winter complex model baseline exhaust benzene emissions shall be determined separately using the facility's oxygenated individual baseline fuel parameter values for summer and winter (per § 80.91), respectively, in the appropriate complex model for exhaust benzene emissions described in § 80.45.

(2) The complex model annual average baseline exhaust benzene emissions of the facility shall be determined using the emissions values determined in paragraph (c)(1) of this section in the equation specified in paragraph (a) of this section.

(d) *Baseline exhaust toxics emissions.* The annual average baseline exhaust toxics emissions for any facility of a refiner or importer of conventional gasoline shall be determined as follows:

(1) The summer and winter baseline exhaust emissions of benzene, formaldehyde, acetaldehyde, 1,3-butadiene, and polycyclic organic matter shall be determined using the oxygenated individual baseline fuel parameter values for summer and winter (per § 80.91), respectively, in the appropriate complex model for each exhaust toxic (per § 80.45).

(2) The summer and winter baseline total exhaust toxics emissions shall be determined separately by summing the summer and winter baseline exhaust emissions of each toxic (per paragraph (d)(1) of this section), respectively.

(3) The annual average baseline exhaust toxics emissions of the facility shall be determined using the emissions values determined in paragraph (d)(2) of this section in the equation specified in paragraph (a) of this section.

(e) *Baseline NO_x emissions.* The annual average baseline NO_x emissions for any facility of a refiner or importer of conventional gasoline shall be determined as follows:

(1) The summer and winter baseline NO_x emissions shall be determined using the baseline individual baseline fuel parameter values for summer and winter (per § 80.91), respectively, in the appropriate complex model for NO_x (per § 80.45).

(2) The annual average baseline NO_x emissions of the facility shall be determined using the emissions values determined in paragraph (e)(1) of this section in the equation specified in paragraph (a) of this section.

(3) The requirements specified in paragraphs (e) (1) and (2) of this section shall be determined separately using the oxygenated and nonoxygenated individual baseline fuel parameters, per § 80.91.

(f) *Applicability of Phase I and Phase II models.* The requirements of paragraphs (d) and (e) of this section shall be determined separately for the applicable Phase I and Phase II complex models specified in § 80.45.

(g) *Calculation accuracy.* Emissions values calculated per the requirements of this section shall be determined to four (4) significant figures. Sulfur, olefin and T90 values calculated per the requirements of this section shall be

§ 80.91

40 CFR Ch. I (7–1–14 Edition)

determined to the same number of decimal places as the corresponding value listed in § 80.91(c)(5).

[59 FR 7860, Feb. 16, 1994, as amended at 59 FR 36965, July 20, 1994]

§ 80.91 Individual baseline determination.

(a) *Baseline definition.* (1) The “baseline” or “individual baseline” of a refinery, refiner or importer, as applicable, shall consist of:

(i) An estimate of the quality, composition and volume of its 1990 gasoline, or allowable substitute, based on the requirements specified in §§ 80.91 through 80.93; and

(ii) Its baseline emissions values calculated per paragraph (f) of this section.

(2)(i) The quality and composition of the 1990 gasoline of a refinery, refiner or importer, as applicable, shall be the set of values of the following fuel parameters: benzene content; aromatic content; olefin content; sulfur content; distillation temperature at 50 and 90 percent by volume evaporated; percent evaporated at 200 °F and 300 °F; oxygen content; RVP.

(ii) A refiner, per paragraph (b)(3)(i) of this section, shall also determine the API gravity of its 1990 gasoline.

(3) The methodology outlined in this section shall be followed in determining a baseline value for each fuel parameter listed in paragraph (a)(2) of this section.

(b) *Requirements for refiners, blenders and importers—*(1) *Requirements for producers of gasoline and gasoline blendstocks.* (i) A refinery engaged in the production of gasoline blendstocks from crude oil and/or crude oil derivatives, and the subsequent mixing of those blendstocks to form gasoline, shall have its baseline fuel parameter values determined from Method 1, 2 and/or 3-type data as described in paragraph (c) of this section, provided the refinery was in operation for at least 6 months in 1990.

(ii) A refinery which was in operation for at least 6 months in 1990, was shut down after 1990, and which restarts after June 15, 1994, and for which insufficient 1990 and post-1990 data was collected prior to January 1, 1995 from which to determine an individual base-

line, shall have the values listed in paragraph (c)(5) of this section as its individual baseline parameters.

(iii) A refinery which was in operation for less than 6 months in 1990 shall have the values listed in paragraph (c)(5) of this section as its individual baseline parameters.

(2) *Requirements for producers or importers of gasoline blendstocks only.* A refiner or importer of gasoline blendstocks which did not produce or import gasoline in 1990 and which produces or imports post-1994 gasoline shall have the values listed in paragraph (c)(5) of this section as its individual baseline parameters.

(3) *Requirements for purchasers of gasoline and/or gasoline blendstocks.* (i) A refiner or refinery, as applicable, solely engaged in the production of gasoline from gasoline blendstocks and/or gasoline which are simply purchased and blended to form gasoline shall have its individual baseline determined using Method 1-type data (per paragraph (c) of this section) from every batch of 1990 gasoline.

(ii) If Method 1-type data on every batch of the refiner's or refinery's 1990 gasoline does not exist, that refiner or refinery shall have the values listed in paragraph (c)(5) of this section as its individual baseline parameters.

(4) *Requirements for importers of gasoline and/or gasoline blendstocks.* (i) An importer of gasoline shall determine an individual baseline value for each fuel parameter listed in paragraph (a)(2) of this section using Method 1-type data on every batch of gasoline imported by that importer into the United States in 1990.

(ii) An importer which is also a foreign refiner must determine its individual baseline using Method 1, 2 and/or 3-type data (per paragraph (c) of this section) if it imported at least 75 percent, by volume, of the gasoline produced at its foreign refinery in 1990 into the United States in 1990.

(iii) An importer which cannot meet the criteria of paragraphs (b)(4)(i) or (ii) of this section for baseline determination shall have the parameter values listed in paragraph (c)(5) of this section as its individual baseline parameter values.